

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A projection display apparatus comprising:

a first light generating instrument which includes a light source ~~utilizing discharge or filament energization and thereby~~ that generates white light;

a second light generating instrument which includes a ~~plural~~plurality of solid state light sources which generate red, green, and blue monochromatic light respectively;

a light modulation element which modulates the white light ~~or~~ when the white light is received and which modulates the monochromatic light when the monochromatic light is received;

a light guiding instrument which switches between guiding the white light and the monochromatic light to the light modulation element; and

a projection instrument which projects the light modulated by the light modulation element.

2. (Currently Amended) The projection display apparatus according to claim 1, comprising a color wheel including first, second and third regions corresponding to red, green, and blue colors respectively, the first, second and third regions ~~placed to be located in a light path~~ circularly arranged in chronological order ~~by rotation~~.

3. (Previously Presented) The projection display apparatus according to claim 2, in which the second light modulation element lights up the solid light sources selectively so that there is a match between a color corresponding to one of the regions of the color wheel located in a light path and the color of the monochromatic light.

4. (Previously Presented) The projection display apparatus according to claim 2, in which the color wheel further includes a region corresponding to white, and stops in a state of having

the region corresponding to white located in a light path while the monochromatic light is selected by the light guiding instrument.

5. (Previously Presented) The projection display apparatus according to claim 1, wherein:

the light modulation element includes first, second and third light modulation elements provided respectively corresponding to solid state light sources of the monochromatic light;

and

the light guiding instrument includes:

a first dichroic filter placed on an optical axis of the white light from the first light modulation element;

a first reflecting mirror placed in front of a light incident side of the first light modulation element, a second dichroic filter placed in front of the light incident side of the second light modulation element, and a second reflecting mirror placed on the optical axis of the light transmitted through the first and second dichroic filters of the light from the first light modulation element; and

a third reflecting mirror placed in front of the light incident side of the third light modulation element.

6. (Previously Presented) The projection display apparatus according to claim 1, further comprising:

a control instrument which controls at least operation of the light guiding instrument, and wherein:

the control instrument controls the light guiding instrument to guide the monochromatic light to the light modulation element and further controls the light guiding instrument after a predetermined time to guided the white light to the light modulation element.

7. (Previously Presented) The projection display apparatus according to claim 6, wherein:

the control instrument controls the first light generating instrument and the second light generating instrument so that

the second light generating instrument generates the monochromatic light while the light guiding instrument is guiding the monochromatic light to the light modulation element, and

the first light generating instrument generates the white light while the light guiding instrument is guiding the white light to the light modulation element.

8. (Previously Presented) The projection display apparatus according to claim 7, wherein:

the control instrument includes a light volume measuring instrument which at least measures a light volume of the first light generating instrument, and controls the light guiding instrument to guide the white light to the light modulation element at the time as the predetermined time, when the light volume measured by the light volume measuring instrument becomes equal to or more than a predetermined value.

9. (Previously Presented) The projection display apparatus according to claim 5, further comprising:

collector optics for collecting the white light or the monochromatic light on the light modulation element, and wherein:

the light guiding instrument selectively guides the white light or the monochromatic light to the collector optics and thereby guides the white light or the monochromatic light selectively to the light modulation element.

10. (Previously Presented) The projection display apparatus according to claim 9, wherein:

an optical axis of the white light generated by the first light generating instrument between the first light generating instrument and the collector optics is substantially on a straight line; and

the optical axis of the monochromatic light generated by the second light generating instrument between the second light generating instrument and the collector optics is bent via the light guiding instrument.

11. (Previously Presented) The projection display apparatus according to claim 9, wherein:

the optical axis of the monochromatic light generated by the second light generating instrument between the second light generating instrument and the collector optics is substantially on a straight line; and

the optical axis of the white light generated by the first light generating instrument between the first light generating instrument and the collector optics is bent via the light guiding instrument.

12. (Previously Presented) The projection display apparatus according to claim 7, wherein:

the first light generating instrument is driven by a first power supply based on supply of power from outside;

the second generating instrument is driven by a second power supply which is a built-in power supply;

the control instrument monitors a status of the first power supply and the second power supply;

the control instrument controls the light guiding instrument to guide the monochromatic light to the light modulation element irrespective of the state of the first power supply and the second power supply, and exerts control, on detecting that at least the first power supply is supplied with the power from outside, to operate the second light generating instrument and then the first light generating instrument.

13. (Previously Presented) The projection display apparatus according to claim 1, in which the second light generating instrument is a light-emitting diode or a laser diode.

14. (Previously Presented) The projection display apparatus according to claim 1, in which the first light generating instrument is a lamp which emits light by arc discharge.

15. (Previously Presented) The projection display apparatus according to claim 1, in which the light guiding instrument includes a mirror surface located between the optical axis of the white light and the optical axis of the monochromatic light by rotation or parallel movement.

16. (Currently Amended) An image display method using:

a first light generating instrument which ~~includes a light source utilizing discharge or filament energization and thereby~~ generates white light;

a second light generating instrument which includes a ~~plural~~plurality of solid state light sources and thereby generates more than or equal to three kinds of monochromatic light;

a light modulation element which modulates the white light ~~or~~ when the white light is received and which modulates the monochromatic light when the monochromatic light is received; and

a projection instrument which projects the light modulated by the light modulation element, and wherein:

the method includes a light guiding step of switching between guiding the white light and the monochromatic light to the light modulation element; and

the light guiding step guides the monochromatic light to the light modulation element and then guides the white light to the light modulation element.

17. (Cancelled)

18. (Currently Amended) A recording medium ~~having which is recorded a the program and processable by the computer, wherein the program is~~ for causing a computer to function as a control instrument which controls at least operation of the light guiding instrument of the projection display apparatus according to claim 17 ~~6recorded thereon and processable by the computer.~~